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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Shoemaker et al.

Confirmation No. 7044

Serial No.: 09/724,538

Art Unit: 1634

Filed: November 28, 2000

Examiner: Lu, F.

For: COMPOSITIONS AND METHODS
FOR EXON PROFILING

Attorney Docket No: 9301-123

TRANSMITTAL OF REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted for filing herewith is a Revocation and Power of Attorney for the above-identified application. No fee is believed due for this submission. However, should a fee be required, please charge the required fee to Jones Day Deposit Account No. 30-5013. A copy of this document is enclosed for accounting purposes.

Respectfully submitted,

Date: August 31, 2004

Adriane M. Antler 32,605
Adriane M. Antler (Reg. No.)
JONES DAY
222 East 41st Street
New York, New York 10017-6702
Phone: (212) 326-3939

Enclosure



POWER OF ATTORNEY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Shoemaker et al.

Confirmation No.: 7044

Serial No.: 09/724,538

Art Unit: 1634

Filed: November 28, 2000

Examiner: Lu, Frank Wei Min

For: COMPOSITIONS AND METHODS
FOR EXON PROFILING

Attorney Docket No: 9301-123

REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Rosetta Inpharmatics LLC hereby revokes any and all previous powers and appoints:

☒ Practitioners at Customer Number **20583**

as its attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above mentioned Customer Number.

☒ Practitioners at Customer Number **20583**.

☒ Firm or Individual Name:

Address: **Jones Day**
222 East 41st Street
New York, New York 10017

Telephone: **(212) 326-3939**

Statement Under 37 C.F.R. 3.73(b)

Rosetta Inpharmatics LLC states that it is:

☒ the assignee of the entire right, title, and interest; or
☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of either:

☐ An assignment from the inventor(s) of the patent application/patent identified above.
The assignment was recorded in the United States Patent and Trademark Office on
at Reel , Frame , or for which a copy thereof is attached.

OR

- ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: **Daniel D. Shoemaker, Stewart Scherer and Stephen H. Friend** To: **Rosetta Inpharmatics, Inc.**

The document was recorded in the United States Patent and Trademark Office on **July 12, 2001, on Reel 11984, Frame 0880.**

2. From: **Rosetta Inpharmatics, Inc.** To: **Rosetta Inpharmatics, LLC**
a copy of which is attached.

3. From: To:
The document was recorded in the United States Patent and Trademark Office on
at Reel , Frame , or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.
[Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

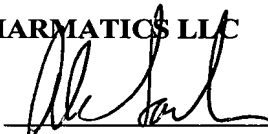
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

ASSIGNEE: ROSETTA INPHARMATICS LLC

Date:

8/4/04

Signature:



Typed Name:

Alan B. Sachs

Position/Title:

Vice President, MRL and Rosetta Site
Head

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required.

☐ Total of _____ forms are submitted.

ASSIGNMENT AND ASSUMPTION AGREEMENT

ASSIGNMENT AND ASSUMPTION AGREEMENT, (this "Agreement") is entered into effective as of the 1st day of December 2002, between Rosetta Inpharmatics, Inc., a Delaware corporation (the "Corporation"), and Rosetta Inpharmatics LLC, a Delaware limited liability company (the "Assignee").

RECITALS

A. **WHEREAS**, the Board of Directors of the Corporation has decided to separate certain non-operating assets from its operating assets, retain such non-operating assets, and continue future operating assets as a limited liability company;

B. **WHEREAS**, in order to effectuate the foregoing change, the operating assets and liabilities of the Corporation must be transferred to a new limited liability company.

C. **WHEREAS**, the Corporation desires to transfer the operating assets and liabilities of the Corporation to the Assignee pursuant to the terms hereof, and the Assignee is willing to give effect to such transfer on the terms and conditions hereof.

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and agreements set forth herein, the parties hereto hereby agree as follows:

1. **Assignment**. The Corporation hereby sells, assigns and transfers all of its right, title and interest in and to all of the assets relating to the Corporation, except as set forth on Schedule 1 (the "Assigned Assets") to the Assignee. The assets being assigned and transferred by the Corporation to the Assignee include, but are not limited to, those patents and patent applications set forth in Schedule 2.

2. **Assumption**. The Assignee accepts such Assignment of the Assigned Assets and hereby assumes all of the Corporation's obligations and liabilities relating to the Assigned Assets (the "Assumed Liabilities").

3. **Further Assurances**. The Corporation and the Assignee each agrees to take such other actions, if any, as are necessary to reflect and give effect to the transactions contemplated by this Agreement.

4. **Successors and Assigns**. This Agreement shall be binding upon, and shall inure to the benefit of, the Corporation and the Assignee and their respective successors and assigns. No person or entity shall in any respect be deemed to be a third party beneficiary with respect to this Agreement.

5. **Governing Law**. This Agreement and the rights and obligations of the parties hereto shall be interpreted, enforced in accordance with, and governed by, the laws of the State of Delaware applicable to agreements made and to be performed wholly within that jurisdiction.

6. Amendment, Waiver, etc. No amendment, modification or alteration of the terms or provisions of this Agreement shall be binding on the parties hereto unless the same shall be in writing and duly executed by such parties.

7. Headings. Section headings contained herein are for convenience of reference only and shall in no way affect the meaning or interpretation of the terms and provisions hereof.

8. Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be considered an original and all of which shall together constitute one and the same instrument.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first above written.

ROSETTA INPHARMATICS, INC.

By: Caroline Dorsa
Name: Caroline Dorsa
Title: Vice President - Treasurer

ROSETTA INPHARMATICS LLC

By: Celia A. Colbert
Name: Celia A. Colbert
Title: Secretary

SCHEDULE 1

Intercompany note in aggregate principal amount of \$10,000,000 owed by Merck & Co., Inc. to Rosetta Inpharmatics, Inc.

SCHEDULE 2

| Issued U. S. Patents | | |
|----------------------|------------|--|
| Patent # | Issue Date | Title |
| 5,965,352 | 10/12/1999 | Methods for Identifying Pathways of Drug Action |
| 6,132,969 | 10/17/2000 | Methods for Testing Biological Network Models |
| 6,146,830 | 11/14/2000 | Method for Determining the Presence of a Number of Primary Targets of a Drug |
| 6,171,794 | 01/09/2001 | Methods for Determining Cross Hybridization |
| 6,197,517 | 03/06/2001 | Essential Genes of Yeast as Targets for Antifungal Agents, Herbicides, Insecticides & Anti-Proliferation Drugs |
| 6,200,803 | 03/13/2001 | Essential Genes of Yeast as Targets for Antifungal Agents, Herbicides, Insecticides & Anti-Proliferation Drugs |
| 6,203,987 | 03/20/2001 | Methods for Using Co-Regulated Genesets to Enhance Detection & Classification of Gene Expression Patterns |
| 6,218,122 | 04/17/2001 | Methods of Monitoring Disease States & Therapies Using Gene Expression Profiles |
| 6,221,597 | 04/24/2001 | Essential Genes of Yeast as Targets for Antifungal Agents, Herbicides, Insecticides & Anti-Proliferation Drugs |
| 6,222,093 | 04/24/2001 | Methods for Determining Therapeutic Index from Gene Expression Profiles |
| 6,232,068 | 05/15/2001 | Monitoring of Gene Expression by Detecting Hybridization to Nucleic Acid Arrays Using Anti-Heteronucleic Acid Antibodies |
| 6,271,002 | 08/07/2001 | RNA Amplification Method |
| 6,300,078 | 10/09/2001 | Computer System & Method for Determining Number of Primary Targets of a Drug |
| 6,303,291 | 10/16/2001 | Methods for Comparing Modes of Action of Two or More Drug Compositions |
| 6,324,479 | 11/27/2001 | Methods of Determining Protein Activity Levels Using Gene Expression Profiles |
| 6,351,712 | 02/26/2002 | Statistical Combining of Cell Expression Profiles |
| 6,352,853 | 03/05/2002 | Multichannel Electrode Arrays |
| 6,370,478 | 04/09/2002 | Methods for Drug Interaction Prediction Using Biological Response Profiles |
| 6,453,241 | 09/17/2002 | Method & System for Analyzing Biological Response Signal Data |
| 6,461,807 | 11/10/2002 | Methods for Drug Target Screening |
| 6,468,476 | 10/22/2002 | Methods for Using Co-Regulated Genesets to Enhance Detection & Classification of Gene Expression Patterns |

SCHEDULE 2 (continued)

| U.S. Patent Applications | | |
|---------------------------------|-------------------|--|
| Serial # | Date filed | Title |
| 09/108,104 | 06/30/1998 | Systems & Methods for the Functional Selection of Cloned DNA Inserts |
| 09/213,120 | 12/15/1998 | Mammalian CAAX Processing Enzymes |
| 09/220,142 | 12/23/1998 | Methods of Characterizing Drug Activities Using Consensus Profiles |
| 09/220,274 | 12/23/1998 | Methods for Robust Discrimination of Profiles |
| 09/220,275 | 12/23/1998 | Methods for Using Co-Regulated Genesets to Enhance Detection & Classification of Gene Expression Patterns |
| 09/222,597 | 12/28/1998 | Methods for Robust Discrimination of Profiles |
| 09/282,243 | 03/31/1999 | Methods for Identifying Pathway-Specific Reporters & Target Genes and Uses Thereof |
| 09/292,657 | 04/15/1999 | Quantitative Methods, Systems & Apparatuses for Gene Expression Analysis |
| 09/364,751 | 07/30/1999 | Iterative Probe Design & Detailed Expression Profiling with Flexible In-Situ Synthesis Arrays |
| 09/374,565 | 08/13/1999 | Methods for Identifying Pathways of Drug Action |
| 09/408,582 | 09/29/1999 | Methods of Ranking Oligonucleotides for Specificity Using Wash Dissociation Histories |
| 09/454,889 | 12/03/1999 | Targeted Methods of Drug Screening Using Co-Culture Methods |
| 09/469,360 | 12/22/1999 | Method & System for Analyzing Biological Response Data |
| 09/539,697 | 03/31/2000 | Essential Genes of Yeast as Targets for Antifungal Agents, Herbicides, Insecticides & Anti-Proliferation Drugs |
| 09/540,806 | 03/31/2000 | Methods for the Identification of Reporter & Target Molecules Using Comprehensive Gene Expression Profiles |
| 09/561,487 | 04/28/2000 | Iterative Probe Design & Detailed Expression Profiling with Flexible In-Situ Synthesis Arrays |
| 09/616,849 | 07/14/2000 | Method for Determining the Specificity & Sensitivity of Oligonucleotides for Hybridization |
| 09/724,538 | 11/28/2000 | Compositions & Methods for Exon Profiling |
| 09/779,004 | 02/07/2001 | Functionating Genomes with Cross Species Co-Regulation |
| 09/781,814 | 02/12/2001 | Gene Discoveries Using Microarrays |

SCHEDULE 2 (continued)

| U.S. Patent Applications | | |
|---------------------------------|-------------------|--|
| Serial # | Date filed | Title |
| 09/783,474 | 02/14/2001 | Methods of Monitoring Disease States and Therapies Using Gene Expression Profiles |
| 09/823,322 | 04/02/2001 | Methods of Determining Therapeutic Index from Gene Expression Profiles |
| 09/898,559 | 07/02/2001 | Methods for Generating Differential Profiles by Combining Data Obtained in Separate Measurements |
| 09/946,290 | 09/04/2001 | Methods for Identifying Pathway-Specific Reporters and Target Genes & Uses Thereof |
| 09/952,334 | 09/13/2001 | Mammalian CAAX Processing Enzymes |
| 09/965,602 | 09/27/2001 | Essential Genes of Yeast as Targets for Antifungal Agents, Herbicides, Insecticides & Anti-Proliferation Drugs |
| 09/975,843 | 10/12/2001 | Methods of Determining Protein Activity Levels Using Gene Expression Profiles |
| 10/001,282 | 11/30/2001 | Use of Profiling for Detecting Aneuploidy |
| 10/058,696 | 01/28/2002 | Statistical Combining of Cell Expression Profiles |
| 10/092,285 | 03/05/2002 | Microarray Reaction Cartridge |
| 10/171,581 | 06/14/2002 | Signature Genes in Chronic Myelogenous Leukemia |
| 10/172,118 | 06/14/2002 | Diagnosis & Prognosis of Breast Cancer Patients |
| 10/182,209 | 07/22/2002 | Barcoded Synthetic Lethal Screening to Identify Drug Targets |
| 10/186,383 | 06/28/2002 | Method & System for Analyzing Biological Response Signal Data |
| 10/201,481 | 07/19/2002 | Genes & Proteins Associated with T-cell Activation |
| 10/205,841 | 07/26/2002 | Methods for Identification of Reporter & Target Molecules Using Comprehensive Gene Expression Profiles |
| 10/273,489 | 10/19/2002 | Methods for Using Co-Regulated Genesets to Enhance Detection & Classification of Gene Expression Profiles |
| 10/287,130 | 11/04/2002 | Statistical Combining of Cell Expression Profiles |
| 60/127,223 | 03/31/1999 | Methods for the Identification of Reporter & Target Molecules Using Comprehensive Gene Expression Profiles |

SCHEDULE 2 (continued)

| U.S. Patent Applications | | |
|---------------------------------|-------------------|--|
| Serial # | Date filed | Title |
| 60/127,272 | 03/31/1999 | Essential Genes of Yeast as Targets for Antifungal Agents, Herbicides, Insecticides and Anti-Proliferation Drugs |
| 60/138,620 | 06/11/1999 | Telomere-Specific Pathway Reporter & Target Gene, and Uses Thereof |
| 60/144,382 | 07/16/1999 | Iterative Probe Design & Detailed Expression Profiling with Flexible In-Situ Synthesis Arrays |
| 60/154,563 | 09/17/1999 | Methods for Determining the Specificity & Sensitivity of Oligonucleotides for Hybridization |
| 60/177,460 | 01/20/2000 | Barcoded Synthetic Lethal Screening to Identify Drug Targets |
| 60/215,935 | 07/05/2000 | Methods for Genetic Interpretation & Prediction of Phenotype |
| 60/215,936 | 07/05/2000 | Methods & Compositions for Determining Gene Function |
| 60/227,902 | 08/25/2000 | Compositions & Methods for Exon Profiling |
| 60/227,966 | 08/25/2000 | Gene Discovery Using Microarrays |
| 60/250,597 | 12/01/2000 | Use of Profiling for Detecting Aneuploidy |
| 60/253,641 | 11/28/2000 | Random-Primed Reverse Transcriptase In-Vitro Transcription Method for RNA Amplification |
| 60/268,173 | 02/12/2001 | Confirming the Exon Content of RNA Transcripts by PCR Using Primers Complementary to Each Respective Exon |
| 60/286,588 | 04/26/2001 | Methods & Compositions for Utilizing Changes of Hybridization Signals During Approach to Equilibrium |
| 60/296,495 | 06/06/2001 | Hybridization Cartridge for Microarrays |
| 60/298,914 | 06/18/2001 | Signature Genes of Chronic Myelogenous Leukemia |
| 60/298,918 | 06/18/2001 | Prognosis of Breast Cancer Patients |
| 60/306,968 | 07/20/2001 | Genes & Proteins Associated with T-cell Activation |
| 60/309,067 | 07/31/2001 | Methods & Compositions for Utilizing Changes of Hybridization Signals During Approach to Equilibrium |
| 60/316,648 | 08/31/2001 | Methods for Preparing Nucleic Acid Samples Useful for Screening DNA Arrays |
| 60/353,416 | 02/01/2002 | Computer System & Method for Identifying Genes and Determining Pathways Associated with Traits |

SCHEDULE 2 (continued)

| U.S. Patent Applications | | |
|---------------------------------|-------------------|--|
| Serial # | Date filed | Title |
| 60/353,845 | 01/31/2002 | Methods for Analysis of Measurement Errors in Measured Signals |
| 60/377,714 | 05/03/2002 | LXR-Ligand Induced Genes & Proteins |
| 60/380,710 | 05/14/2002 | Diagnosis & Prognosis of Breast Cancer Patients |
| 60/381,437 | 05/16/2002 | Computer System & Method for Identifying Genes and Determining Pathways Associated with Traits |
| 60/382,036 | 05/20/2002 | Computer System & Methods for Subdividing a Complex Disease into Component Diseases |
| 60/382,629 | 06/28/2002 | Methods to Assess Quality of Microarrays |
| 60/385188 | 05/30/2002 | Splice Variant Isoform of Human HMG Co-A Reductase |
| 60/400,003 | 07/30/2002 | Novel Splice Variant Isoforms of Human Calcium Channel |
| 60/400,522 | 08/02/2002 | Computer Systems & Methods that Use Clinical & Expression Quantitative Trait Loci to Associate Genes with Traits |
| 60/407,155 | 08/29/2002 | Splice Variant Isoforms of Human HMG Co-A Reductase |
| 60/408,058 | 09/03/2002 | Splice Variant Isoform of Human PHKA2 |
| 60/409,094 | 09/09/2002 | Splice Variant Isoform of Human GRM2 |
| 60/421,220 | 10/25/2002 | Splice Variant Isoforms of Human Calcium Channel CACNA1B |
| | | |

SCHEDULE 2 (continued)

| National Patent Applications | | |
|-------------------------------------|----------------|---|
| Serial # | Country | Title |
| 22080/00 | Australia | Method & System for Analyzing Biological Response Signal Data |
| 23855/00 | Australia | Statistical Combining of Cell Expression Profiles |
| 37899/99 | Australia | Methods of Determining Protein Activity Levels Using Gene Expression Profiles |
| 38906/99 | Australia | Identifying Pathways of Drug Action |
| 14517/00 | Australia | Methods for Using Co-Regulated Genesets to Enhance Detection & Classification of Gene Expression Patterns |
| 40751/99 | Australia | Quantitative Methods, Systems & Apparatuses for Gene Expression Analysis |
| 46936/99 | Australia | Methods of Monitoring Disease States & Therapies Using Gene Expression Profiles |
| 61595/99 | Australia | Methods for Identifying Multiple Primary Targets of a Drug |
| 49635/99 | Australia | Methods for Testing Biological Network Models |
| | | |

SCHEDULE 2 (continued)

| National Patent Applications | | |
|-------------------------------------|----------------|---|
| Serial # | Country | Title |
| 2,331,510 | Canada | Quantitative Methods, Systems & Apparatuses for Gene Expression Analysis |
| 2,331,621 | Canada | Identifying Pathways of Drug Action |
| 2,331,754 | Canada | Methods of Determining Protein Activity Levels Using Gene Expression Profiles |
| 2,335,187 | Canada | Methods for Testing Biological Network Models |
| 2,335,299 | Canada | Methods of Monitoring Disease States & Therapies Using Gene Expression Profiles |
| 2,344,267 | Canada | Methods for Identifying Multiple Primary Targets of a Drug |
| 2,348,837 | Canada | Methods for Using Co-Regulated Genesets to Enhance Detection & Classification of Gene Expression Patterns |
| 2,356,648 | Canada | Methods of Characterizing Drug Activities Using Consensus Profiles |
| 2,356,655 | Canada | Method & System for Analyzing Biological Response Signal Data |
| 2,356,673 | Canada | Methods for Drug Interaction Prediction Using Biological Response Profiles |
| 2,356,696 | Canada | Statistical Combining of Cell Expression Profiles |
| 2,356,873 | Canada | Methods for Determining Therapeutic Index from Gene Expression Profiles |
| 2,356,891 | Canada | Methods for Robust Discrimination of Profiles |
| 2,378,933 | Canada | Iterative Probe Design & Detailed Expression Profiling with Flexible In-Situ Synthesis Arrays |
| 2,379,212 | Canada | Method for Determining Specificity & Sensitivity of Oligonucleotides for Hybridization |
| 2,393,360 | Canada | Targeted Methods of Drug Screening Using Co-Culture Methods |
| 2,398,690 | Canada | Bar-Coded Synthetic Lethal Screening to Identify Drug Targets |

SCHEDULE 2 (continued)

| National Patent Applications | | |
|-------------------------------------|----------------|---|
| Serial # | Country | Title |
| 00948665.5 | EPC | Iterative Probe Design & Detailed Expression Profiling with Flexible In-Situ Synthesis Arrays |
| 00948666.3 | EPC | Method for Determining Specificity & Sensitivity of Oligonucleotides for Hybridization |
| 00982313.9 | EPC | Targeted Methods of Drug Screening Using Co-Culture Methods |
| 01942675.8 | EPC | Bar-Coded Synthetic Lethal Screening to Identify Drug Targets |
| 99920392.0 | EPC | Methods of Determining Protein Activity Levels Using Gene Expression Profiles |
| 99921786.2 | EPC | Identifying Pathways of Drug Action |
| 99924189.6 | EPC | Quantitative Methods, Systems & Apparatuses for Gene Expression Analysis |
| 99930384.5 | EPC | Methods for Testing Biological Network Models |
| 99930385.2 | EPC | Methods of Monitoring Disease States & Therapies Using Gene Expression Profiles |
| 99948412.4 | EPC | Methods for Identifying Multiple Primary Targets of a Drug |
| 99966569.8 | EPC | Method & System for Analyzing Biological Response Signal Data |
| 99966667.0 | EPC | Methods for Determining Therapeutic Index from Gene Expression Profiles |
| 99967502.8 | EPC | Methods of Characterizing Drug Activities Using Consensus Profiles |
| 99967594.5 | EPC | Statistical Combining of Cell Expression Profiles |
| 99967595.2 | EPC | Methods for Drug Interaction Prediction Using Biological Response Profiles |
| 99968165.3 | EPC | Methods for Robust Discrimination of Profiles |
| 99971047.8 | EPC | Methods for Using Co-Regulated Genesets to Enhance Detection & Classification of Gene Expression Patterns |
| | | |

SCHEDULE 2 (continued)

| National Patent Applications | | |
|------------------------------|---------|---|
| Serial # | Country | Title |
| 12-548499 | Japan | Identifying Pathways of Drug Action |
| 12-548511 | Japan | Quantitative Methods, Systems & Apparatuses for Gene Expression Analysis |
| 12-548781 | Japan | Methods of Determining Protein Activity Levels Using Gene Expression Profiles |
| 12-554833 | Japan | Methods of Monitoring Disease States & Therapies Using Gene Expression Profiles |
| 12-554875 | Japan | Methods for Testing Biological Network Models |
| 12-574301 | Japan | Methods for Identifying Multiple Primary Targets of a Drug |
| 12-578488 | Japan | Methods for Using Co-Regulated Genesets to Enhance Detection & Classification of Gene Expression Patterns |
| 12-591224 | Japan | Methods of Characterizing Drug Activities Using Consensus Profiles |
| 12-591225 | Japan | Methods for Robust Discrimination of Profiles |
| 12-591226 | Japan | Method & System for Analyzing Biological Response Signal Data |
| 12-591227 | Japan | Statistical Combining of Cell Expression Profiles |
| 12-591228 | Japan | Methods for Drug Interaction Prediction Using Biological Response Profiles |
| 12-591229 | Japan | Methods for Determining Therapeutic Index from Gene Expression Profiles |
| 13-511150 | Japan | Iterative Probe Design & Detailed Expression Profiling with Flexible In-Situ Synthesis Arrays |
| 13-511221 | Japan | Method for Determining Specificity & Sensitivity of Oligonucleotides for Hybridization |
| 13-542581 | Japan | Targeted Methods of Drug Screening Using Co-Culture Methods |
| 13-553391 | Japan | Bar-Coded Synthetic Lethal Screening to Identify Drug Targets |

SCHEDULE 2 (continued)

| Active PCT Patent Applications | | |
|---------------------------------------|----------------|---|
| Serial # | Country | Title |
| | | |
| PCT/US00/35352 | PCT | Use of Profiling for Detecting Aneuploidy |
| PCT/US01/20928 | PCT | Methods & Compositions for Determining Gene Function |
| PCT/US01/20931 | PCT | Methods for Genetic Interpretation & Prediction of Phenotype |
| PCT/US01/26274 | PCT | Gene Discovery Using Microarrays |
| PCT/US01/26541 | PCT | Compositions & Methods for Exon Profiling |
| PCT/US01/44821 | PCT | Random-Primed Reverse Transcriptase In-Vitro Transcription Method for RNA Amplification |
| PCT/US01/48527 | PCT | Sample Tracking Using Molecular Barcodes |
| PCT/US02/04219 | PCT | Confirming Exon Content of RNA Transcripts by PCR Using Primers Complementary to Each Respective Exon |
| PCT/US02/12757 | PCT | Methods & Compositions for Utilizing Changes of Hybridization Signals During Approach to Equilibrium |
| PCT/US02/18947 | PCT | Diagnosis & Prognosis of Breast Cancer Patients |
| PCT/US02/20835 | PCT | Methods of Generating Differential Profiles by Combining Data Obtained in Separate Measurements |
| PCT/US02/22787 | PCT | Methods for Preparing Nucleic Acid Samples Useful for Screening DNA Arrays |